

ABSTRACT

Gasoline additives of the present invention comprise nitrogen-containing compounds obtained by hydrolyzing a polyoxyalkylene glycol derivative resulting from polymerization of an epoxy compound using a suitable ketimine compound as a reaction initiator or by modifying the terminal ends of a polybutene compound with amine. Blending the inventive gasoline additive to a base gasoline can produce a gasoline composition which is suitable for use in direct injection gasoline engine.